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Geological Relations and Some Fossils of South Georgia. By J. W. GREGORY. Trans. Roy. Soc. Edin., L, 1915, pp. 817-22, pls. 2.

The outcropping rocks are described as consisting of a metamorphic series of probable Ordovician or Silurian age and a series of marine Mesozoic rocks associated with volcanic tuffs. There is no evidence of Cenozoic volcanic activity, and the igneous rocks are not of distinctly Andean types. Suess believed that the Andes extended in a great horseshoe curve through South Georgia to the South Orkneys and Graham Land.

H. R. B.

The Jaw of the Piltdown Man. By GERRET S. MILLER, JR. Smith. Misc. Coll., LXV, No. 12, 1915. Pp. 31, pls. 5.

In 1912 the right half of an apelike jaw, a portion of a human brain case, and other human bone fragments were found in a gravel pit at Piltdown, Sussex, England, associated with an interglacial (early Third?) fauna. Assuming that these remains represented parts of one individual, Woodward established the genus *Eoanthropus*, characterized by the combination in one skull of a human brain case and an apelike jaw.

Miller now compares casts of these fragments with specimens of Pongidae and Hominidae in the National Museum and finds that the brain case shows fundamental characters not known except in the genus *Homo*, while the other fragments show equally diagnostic features hitherto unknown except among members of the genus *Pan* (chimpanzees). For the Pleistocene species represented by Woodward's *Eoanthropus*, Miller proposes the name *Pan vetus*.

H. R. B.

The Shinumo Quadrangle, Grand Canyon District, Arizona. By L. F. NOBLE. U.S. Geol. Surv., Bull. No. 549, 1914. Pp. 100, pls. 18, fig. 1.

This bulletin presents the results of a detailed study of the western part of the Kaibab division of the Grand Canyon. The section includes rocks of Archean, Algonkian, Cambrian, Mississippian, and Pennsylvanian age. The lower or Unkar group of the Grand Canyon Series (Algonkian), in particular, is treated in considerable detail. The map which accompanies the bulletin represents the first detailed mapping done in the Grand Canyon region.

H. R. B.